

	<p>California Public Utilities Commission <i>Mitigation Monitoring, Compliance, and Reporting Program</i></p>
	<p>East County (ECO) Substation Project</p>
	<p>Compliance Status Report: 007 July 8, 2013</p>

SUMMARY

The California Public Utilities Commission (CPUC) is responsible for overseeing implementation of the mitigation measures set forth in the Final Environmental Impact Report/Environmental Impact Statement (FEIR/EIS) for the East County (ECO) Substation Project. The CPUC has established a third-party monitoring program and adopted a Mitigation Monitoring, Compliance, and Reporting Program (MMCRP) to ensure that measures approved in the FEIR/EIS to mitigate or avoid significant impacts are implemented in the field. This MMCRP status report is intended to provide a description of construction activities on the project, a summary of site inspections conducted by the CPUC’s third-party monitors, the compliance status of mitigation measures required by the MMCRP, and anticipated construction activities. This compliance status report covers construction activities from June 23, to July 7, 2013.

MITIGATION MONITORING, COMPLIANCE, AND REPORTING

Site Inspections/Mitigation Monitoring

A CPUC third-party environmental compliance monitor conducted site observations at the ECO Substation site, along the Southern Access Road, at Carrizo Gorge Construction Yards 1 and 2 and at the Jewel Valley Construction Yard. Site observations were completed from June 24 through June 28 and from July 1 through July 5. Areas of active and inactive construction within the project limits were observed to verify implementation of the mitigation measures stipulated in the project’s MMCRP. Daily observations were documented on daily site inspection forms and applicable mitigation measures were reviewed in the field.

Issues/Concerns with Applicable Conditions

On July 3rd, SDG&E construction crews began clearing the Jewel Valley Construction yard as authorized by CPUC in Notice to Proceed (NTP) 005. Prior to clearing the work areas, stakes had been placed along the approved work limits by the construction contractor and an environmental monitor was onsite observing construction activities to ensure all work remained within the authorized work limits as required in MM-BIO-1a.

While construction crews were mobilizing equipment to the staging area for clearing activities, a piece of construction equipment turned off the approved access road adjacent to Jewel Valley Road and travelled beyond the authorized work limits for a distance of approximately 40 feet. A second incident occurred on July 3rd at the Jewel Valley Construction yard when a water truck was observed to have traveled approximately 30 feet beyond the approved work limits. The area where the construction equipment travelled beyond the approved work limits was located on disturbed habitat and no sensitive environmental resources were impacted based on an evaluation completed by the onsite biological and archeological monitors. In response to these incidences occurring, all construction activities were halted on July 3rd at the Jewel Valley Construction yard and a tailboard meeting was held to discuss the incident. SDG&E responded to the incident by placing additional stakes and flagging along the approved work limits in order to more clearly (see Photo 1 – Attachment A) delineate the approved work area and to minimize the potential for similar instances occurring.

Implementation Actions

Grading ECO Substation

Construction crews continued to grade the western portion of the ECO Substation during this reporting period. Water truckers were observed alongside graders to prevent fugitive dust in accordance with Mitigation Measure BIO-4a and the Dust Control Plan (see Photo 2 – Attachment A). In addition, archaeological, Native American, and biological monitors were present during all ground-disturbing activities in accordance with Mitigation Measure BIO-1c and CUL-1d (see Photo 3 – Attachment A). On-site monitors were observed surveying areas of active construction to minimize the potential for impacts to sensitive resources.

Exclusionary fencing and signage are being maintained to delineate the approved work limits and to identify environmentally sensitive areas (ESAs) in order to minimize the potential for impacts to sensitive resources. ESA fencing and project limit stakes were observed to be maintained in good condition throughout this reporting period. In addition, signage delineating the project speed limit have been installed along access roads in accordance with Mitigation Measure BIO-7b (see Photo 4 – Attachment A).

Hazardous materials were observed being stored on-site in accordance with Mitigation Measure HAZ-1a and the Hazardous Materials and Waste Management Plan. A Hazardous Materials Storage Area has been established at the ECO Substation consisting of a connex box to securely store hazardous materials. Hazardous materials were observed to be properly labeled and are being stored with the appropriate safety and fire suppression equipment (see Photo 5 – Attachment A)

Clearing, Grubbing, and Fencing of Jewel Valley Fly Yard

SDG&E began to clear and grub the Jewel Valley Fly Yard during this reporting period. The Jewel Valley Fly Yard will be used during construction activities for staging and storage of materials including but not limited to storage of construction equipment, staging of materials, staging field office locations,

and for helicopter operations, maintenance, storage, and refueling. Activities observed during this reporting period consisted of biological pre-clearance surveys, staking the Jewel Valley Fly Yard disturbance area (please refer to Issues/Concerns with Applicable Conditions) and clearing vegetation (see Photo 6 – Attachment A).

Installation of Best Management Practices (BMPs) at Carrizo Gorge Fly Yard

SDG&E began installing best management practices including the placement of straw wattles at the Carrizo Gorge Fly Yard. The straw wattles are being installed in accordance with Mitigation Measure HYD-1 and the Stormwater Pollution Prevention Plan (SWPPP) to minimize the potential for erosion. Biological, archaeological, and Native American monitors were present to observe the installation of the straw wattles (see Photo 7 – Attachment A).

In accordance with Mitigation Measure FF-1, fire suppression equipment was observed to be on-site at the Carrizo Gorge Fly Yard and stored in a secure firebox (see Photo 8 – Attachment A). In addition, SDG&E was observed providing ongoing fire patrols during construction hours and for 1 hour after the end of daily construction activities.

Mitigation Measure Tracking

Mitigation measures applicable to the construction activities were verified in the field and documented in the CPUC's mitigation measure tracking database. A complete list of mitigation measures and applicant proposed measures is included in the FEIR/FEIS for the ECO Substation Project, as adopted by the CPUC on April 19, 2012 (Decision 12-04-022).

Compliance

Pre-construction mitigation measures have been completed as indicated in CPUC NTP No. 001, No. 002, No. 003, No. 004, No. 005 and BLM NTP No. 001 (see Attachment B). Applicable mitigation measures were verified during site inspections and were determined to be implemented in accordance with the MMCRP.

CONSTRUCTION PROGRESS

Abatement Activities at the Boulevard Substation Rebuild Site

All abatement activities at the Boulevard Substation Rebuild Site as authorized by CPUC NTP No. 001 have been completed.

ECO Substation Site Construction

SDG&E began clearing, grubbing, and grading activities associated with the ECO Substation site on March 11, 2013 and completed site clearing activities on March 29.

Geotechnical Investigations

All geotechnical investigations authorized by CPUC NTP No. 003, No. 004, and BLM NTP No. 001 to conduct 24 geotechnical borings were complete as of March 14, 2013.

Southern Access Road

SDG&E continued with grading activities associated with the construction of the Southern Access Road during this reporting period. Construction activities associated with the Southern Access Road are anticipated to continue into the next reporting period.

CONSTRUCTION SCHEDULE

ECO Substation 500 kV and 230/138 kV Yards – SDG&E began construction activities on March 11, 2013 and is anticipated to complete construction in April 2014.

SWPL Loop-In – SDG&E has not initiated any construction activities at this time associated with the SWPL Loop-In.

138 kV Transmission Line – SDG&E has not initiated any construction activities at this time associated with the 138 kV Transmission Line.

Boulevard Substation Rebuild – SDG&E began abatement activities on December 31, 2012 and is anticipated to complete construction in June 2014.

ATTACHMENT A Photos



Photo 1: An SDG&E construction crewmember installs additional stakes and flagging to delineate the approved work limits at the Jewel Valley Construction Yard.



Photo 2: Water trucks are utilized during grading activities at the ECO Substation to minimize fugitive dust in accordance with Mitigation Measure BIO-4a and the Dust Control Plan.

ATTACHMENT A (Continued)



Photo 3: Archaeological, Native American, and biological monitors observe grading activities in accordance with Mitigation Measure CUL-1d and BIO-1c.



Photo 4: Signage delineating the approved project access routes and speed limit have been posted in accordance with Mitigation Measure BIO-7b.

ATTACHMENT A (Continued)



Photo 5: Hazardous materials are securely stored in a connex box and labeled in accordance with Mitigation Measure HAZ-1a.



Photo 6: Construction equipment completing vegetation removal at the Jewel Valley Fly Yard within the approved work limits in accordance with MM-BIO-1a.

ATTACHMENT A (Continued)



Photo 7: BMP's consisting of straw wattles are placed along the perimeter of the Carrizo Gorge Fly Yard to minimize the potential for erosion in accordance with Mitigation Measure HYD-1 and the SWPPP.



Photo 8: Fire suppression equipment is stored within a fire box at the Carrizo Gorge Fly Yard in accordance with Mitigation Measure FF-1.

ATTACHMENT B Notices to Proceed

NTP No.	Date Issued	Description	Conditions Included (Y/N)
CPUC - 001	November 30, 2012	Abatement activities at the Boulevard Substation rebuild site.	Y
CPUC - 002	February 1, 2013	Construction of a new substation (a 500-kilovolt (kV) yard and a 230/138 kV yard) and rebuilding and paving of an existing access road to provide main access to the substation.	Y
CPUC - 003	February 1, 2013	Twenty-two geotechnical borings to finalize the design of the underground transmission alignments on private lands.	Y
CPUC - 004	March 4, 2013	A single geotechnical boring to finalize the design of the underground transmission alignments on private lands.	Y
CPUC - 005	May 21, 2013	To begin use of the Domingo Lake Construction Yard, Jewel Valley Construction Yard, Carrizo Gorge Construction Yard 1, and Carrizo Gorge Construction Yard 2 in order to begin staging, assembling, and storing equipment and materials.	Y
BLM - 001	February 11, 2013	A single geotechnical boring to finalize the design of the underground transmission alignments on lands administered by the BLM.	Y

ATTACHMENT C

Minor Project Refinement Requests

Minor Project Refinement Request No.	Submitted	Description	Status	Approval
001	January 25, 2013	The addition of a temporary, polyvinyl chloride (PVC)-lined retention basin with the 500 kV yard to be used for water storage during initial mass grading activities.	Approved	February 7, 2013
002	March 22, 2013	Adjustments to the Domingo Lake and Jewel Valley Construction Yards including: <u>Domingo Lake Construction Yard</u> <ul style="list-style-type: none"> • Shift of approximately 550 feet to the northwest <u>Jewel Valley Construction Yard</u> <ul style="list-style-type: none"> • Addition of a new temporary access road • Addition of a temporary 12 kV distribution service line extension (distribution tap) • Additional grading activities at the intersection of Jewel Valley Road and the existing access road located north of the Jewel Valley Construction Yard 	Approved	May 20, 2013
003	March 22, 2013	To use Carrizo Gorge Construction Yard 2 for general construction activities, such as staging and storage of materials in addition to helicopter takeoffs, landings, and refueling as approved in the Project's Final EIR/EIS.	Approved	May 20, 2013
004	May 17, 2013	Adjustments to the Southern Access Road	Approved	June 26, 2013
005	June 27, 2013	Adjustments to the Boulevard Substation rebuild site	Pending	Pending
006	July 7, 2013	Adjustments to the 138 kV Overhead Transmission Line	Pending	Pending